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FRV "CLUPEA"

12CR88

CRUISE 12/88

REPORT

5-20 December 1988

Personnel

R Priestley	SSO	
R B Mitchell	SSO	
J Dunn	HSO	
C W Shand	SO	(13-20 December)
P J Barkel	PTO	

Objectives

1. To observe and monitor the performance of plankton and larval fish samplers.
2. To observe and monitor the performance of the "LOCHNESS" sampler towed by a charter vessel.
3. To observe the sandeel trawl (BT 169) when towed midwater.

Narrative

The smaller samplers and instrumentation were loaded at Buckie on Monday 5 December. Unfortunately the ship's crane was damaged during the loading of the polyvalent trawl doors, and this meant a lengthy stay in port awaiting spare parts. "Clupea" sailed for Stromness on Thursday 8 December. Work was carried on in the Orkney area prior to the rendezvous with the charter vessel "Mirfak" on Tuesday 13 December. Staff were transferred as per the programme, and successful video recordings were made of "LOCHNESS". Staff were retransferred late on Wednesday and "Clupea" carried on with the normal programme. Storm force winds, which had persisted throughout the cruise, forced us to work in the Dornoch Firth which in turn severely limited the planned trials.

"Clupea" offloaded at Buckie on Tuesday 20 December.

Results

Gale to storm force winds seriously affected the scale and content of the work done, nevertheless video tape was obtained of the "LOCHNESS", the standard Methot, and the Multi-Depth Sampler. Whilst some tapes have already been used to demonstrate aspects of performance others will need further analysis before presentation.

Objective 3 was not attempted as it was found that the trawl doors as supplied were not suitable for the vessel.

R Priestley

21 February 1989

Seen in Draft: G B Calder